

03-26-2002



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PATENT - TRADEMARK OFFICE

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☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other

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**Conveying Party(ies)**

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Execution Date  
Month Day Year

Name (line 1)  Anthony J. Calise

5-29-01

Name (line 2)

**Second Party**

Name (line 1)  Naira Hovakimyan

Execution Date  
Month Day Year

5-24-01

Name (line 2)

**Receiving Party**

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Name (line 1)  Georgia Tech Research Corporation

☐ If document to be recorded  
is an assignment and the  
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Name (line 2)

Address (line 1)  400 Tenth Street, N.W.

Address (line 2)

Address (line 3)  Atlanta  
City

GA  
State/Country

30332-0415  
Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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03/26/2002 LMUELLER 00000067 09865659

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**PATENT**  
**REEL: 012702 FRAME: 0043**

## Correspondent Name and Address

Area Code and Telephone Number

(404) 504-7652

Name Jon M. Jurgovan

Address (line 1) Morris, Manning &amp; Martin, L.L.P.

Address (line 2) 3343 Peachtree Road, NE

Address (line 3) Suite 1600

Address (line 4) Atlanta, GA 30326-1044

## Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 5

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

## Patent Application Number(s)

09/865,659

## Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
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PCT US01/17201

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Fee Amount for Properties Listed (37 CFR 3.41): \$

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## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Jon M Jurgovan, Reg. No. 34,633

Name of Person Signing

Signature

Date

3-8-2002

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CONTINUATION  
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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

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Name (line 1) Moshe Idan

Execution Date  
Month Day Year

5-24-01

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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☐ Mark if additional names of receiving parties attached

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)





24728

PATENT - TRADEMARK OFFICE

## ASSIGNMENT

WHEREAS, Anthony J. Calise, residing at 6980 Glenridge Drive, N.E., Atlanta, Georgia 30328, a citizen of the United States of America, Naira Hovakimyan, residing at 503 Galleria Lane, Smyrna, Georgia 30080, a citizen of Armenia, and Moshe Idan, residing at 48/8 Oren Street, Haifa, Israel, 34732, a citizen of Israel (hereinafter "Assignors") have invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

### **Adaptive Control System having Direct Output Feedback and Related Apparatuses and Methods**

(hereinafter "Application") filed or to be filed with the U.S. Patent & Trademark Office, and for which Assignors hereby authorize and request Assignee to fill in the following blanks specifying the serial number and filing date for said application identified above (but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this Assignment):

Serial Number: 60/208,101 Filed on: 5/27/00  
09/865,659 5/25/01; and

WHEREAS,

**Georgia Tech Research Corporation  
A Georgia Corporation  
400 Tenth Street, N.W.  
Atlanta, Georgia 30332-0415**

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have agreed to sell, assign, transfer and convey, and by these presents do hereby sell, assign, transfer and convey, unto Assignee the entire right, title, and interest in, to and under:

- ☐ The Invention and the Application;
- ☐ Any patent of the United States of America that may be obtained for the Invention;
- ☐ Any corresponding applications for patent of the Invention in any and all foreign countries; and
- ☐ Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignors hereby covenant and agree, and bind any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement.

Assignors hereby authorize and empower Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignors might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignors.

Assignors hereby consent and agree that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignors covenant and agree that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignors.

Finally, Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

[Signature Pages Follow]

This the 29<sup>th</sup> day of May, 2001.

Anthony J. Calise  
Assignor Anthony J. Calise

Matthew Johnson  
Witness #1 Signature

MATTHEW JOHNSON  
Witness #1 Name (print)

3863 MEMORIAL DR #706

DECATUR GA 30032  
Witness #1 Address

[Signature]  
Witness #2 Signature

FLAVIO NARDI  
Witness #2 Name (print)

907 PEACHTREE HILLS CIR

ATLANTA GA 30305  
Witness #2 Address

NOTARIZATION

State of Georgia  
County of Cobb  
United States of America

On this 29<sup>th</sup> day of May, 2001, personally appeared

\_\_\_\_\_ before me, to me known and known to me  
to be the person described as Assignors in and who executed the foregoing instrument and  
acknowledged the same to be his/her free act and deed in and for the purposes set forth above.

[Signature]  
Notary Public

My Commission Expires: Notary Public, Cobb County, Georgia  
My Commission Expires June 24, 2001

This the 24 day of May, 2001.

N. Hovakimyan  
Assignor Naira Hovakimyan

Matthew Johnson  
Witness #1 Signature

MATTHEW JOHNSON  
Witness #1 Name (print)

3863 MEMORIAL DR #706

DECATUR, GA 30032  
Witness #1 Address

FLAVIO NARDI  
Witness #2 Signature

FLAVIO NARDI  
Witness #2 Name (print)

907 PEACHTREE HILLS CIR

ATLANTA GA 30305  
Witness #2 Address

NOTARIZATION

State of Georgia  
County of Cobb  
United States of America

On this 24<sup>th</sup> day of May, 2001, personally appeared

\_\_\_\_\_ before me, to me known and known to me  
to be the person described as Assignors in and who executed the foregoing instrument and  
acknowledged the same to be his/her free act and deed in and for the purposes set forth above.

Georgette B. Mullis  
Notary Public

My Commission Expires: Notary Public, Cobb County, Georgia  
My Commission Expires June 21, 2003

This the 24 day of May, 2001.

Moshe Idan  
Moshe Idan

Assignor Moshe Idan

Matthew Johnson  
Witness #1 Signature

MATTHEW JOHNSON  
Witness #1 Name (print)

3863 MEMORIAL DR #706

DECATUR GA 30032  
Witness #1 Address

[Signature]  
Witness #2 Signature

FLAVIO MARDI  
Witness #2 Name (print)

907 PEACHTREE HILLS CIR

ATLANTA GA 30305  
Witness #2 Address

NOTARIZATION

State of Georgia  
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[Signature]  
Notary Public

My Commission Expires: Notary Public - Cobb County, Georgia  
My Commission Expires June 24, 2001